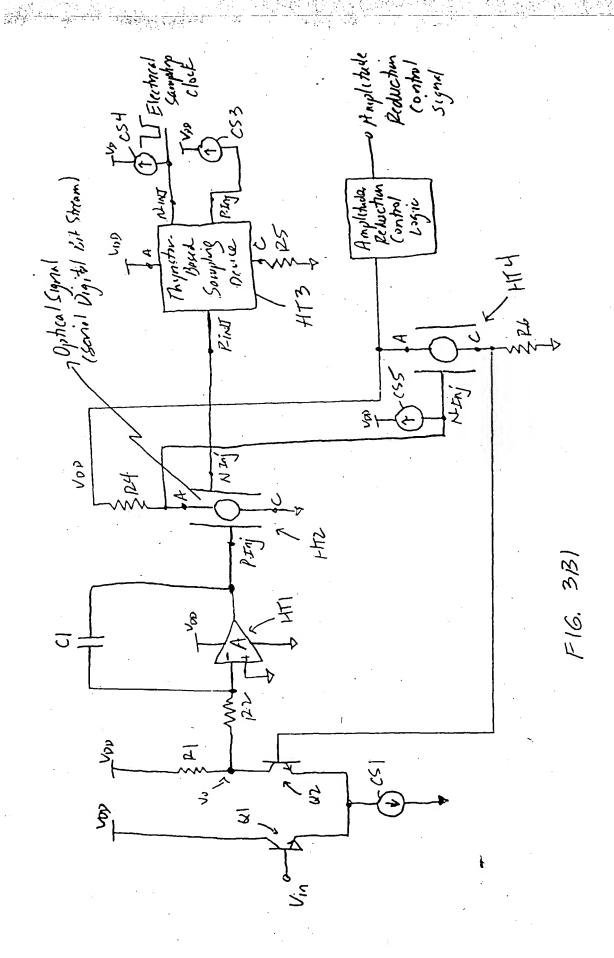
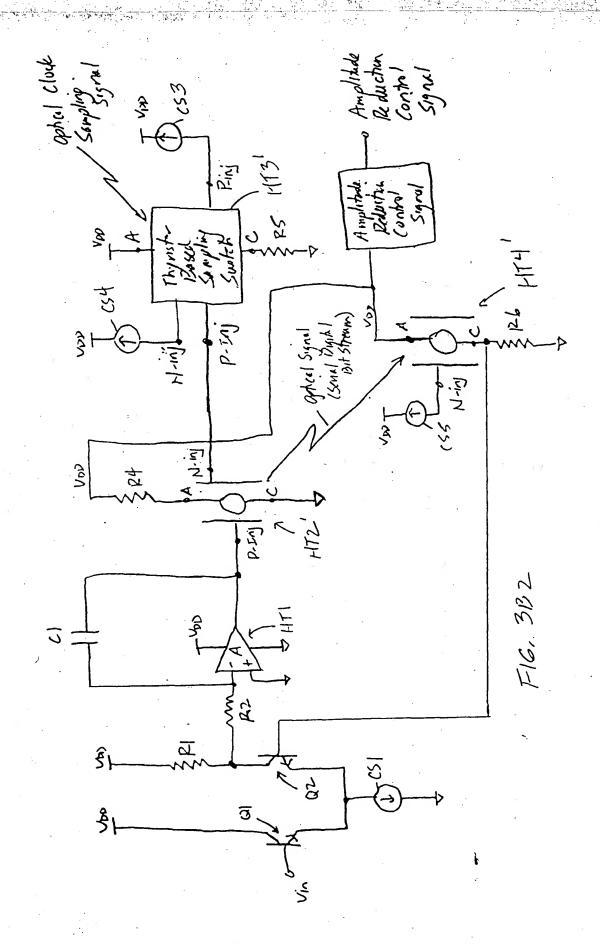
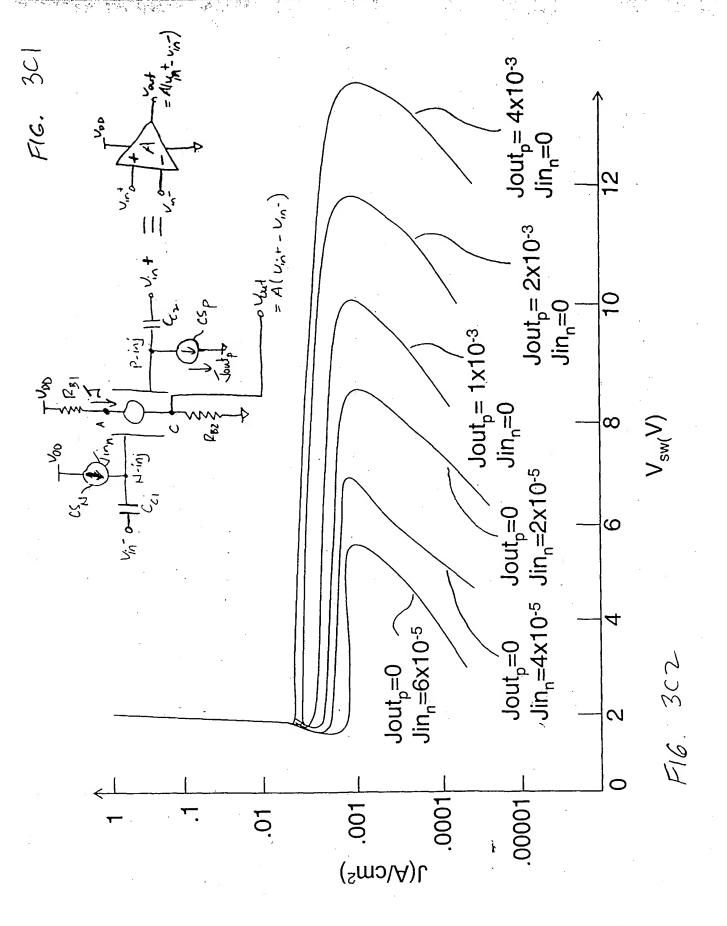
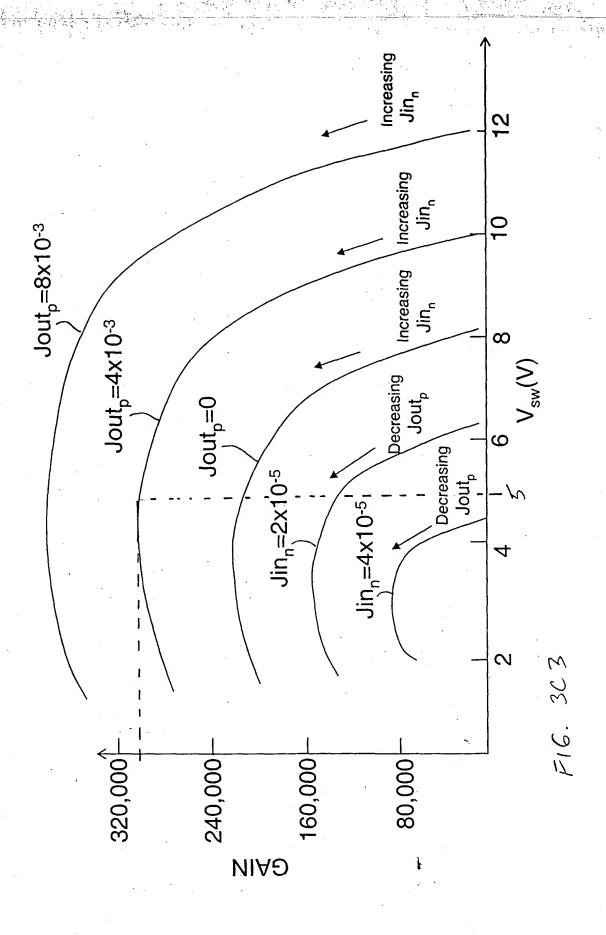


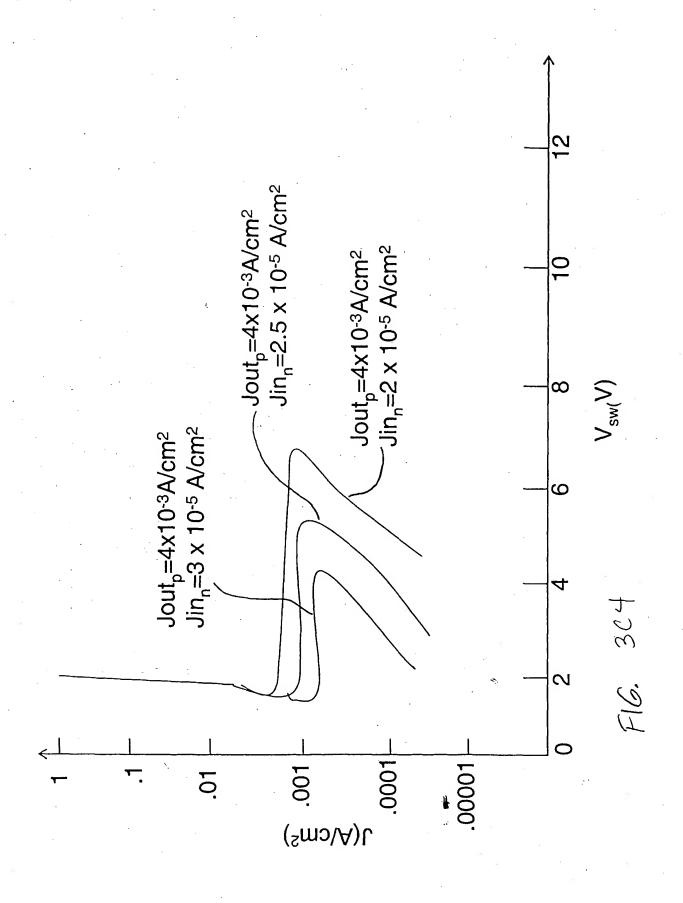
F16. 3A

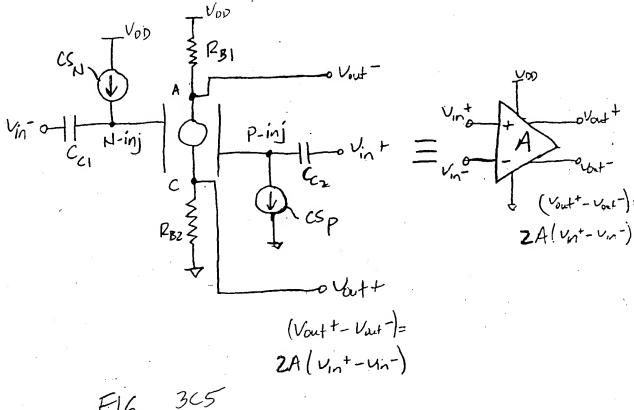




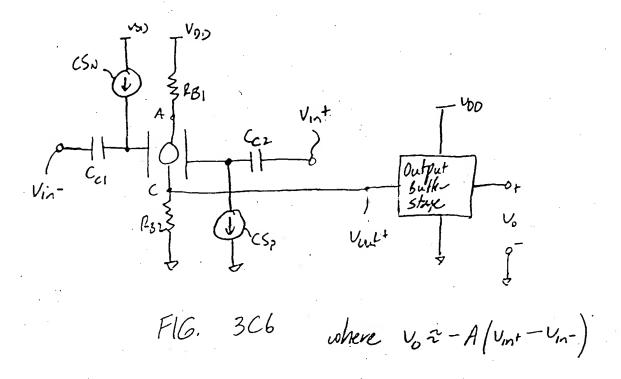


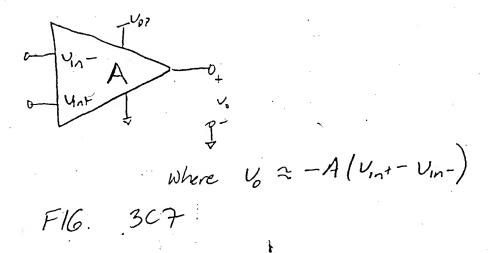


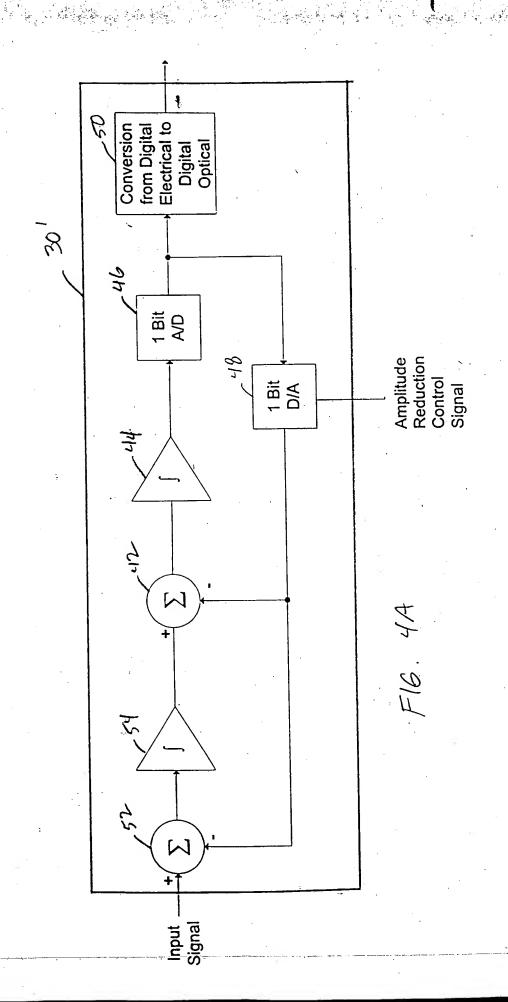


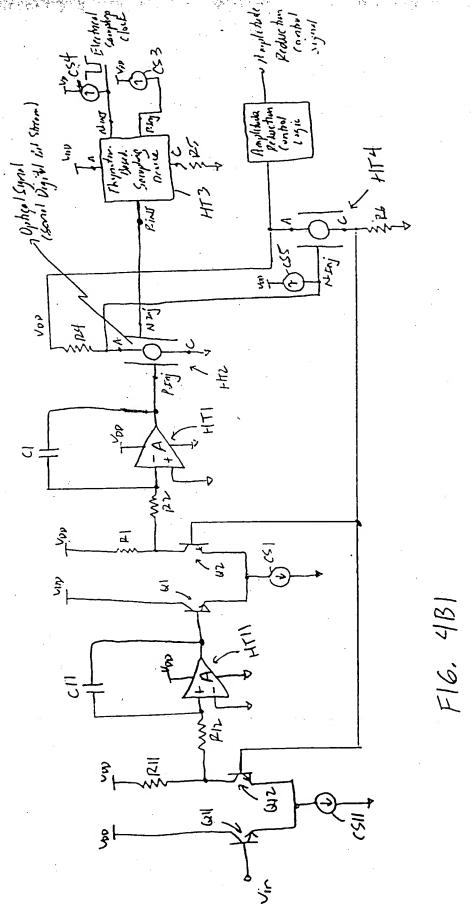


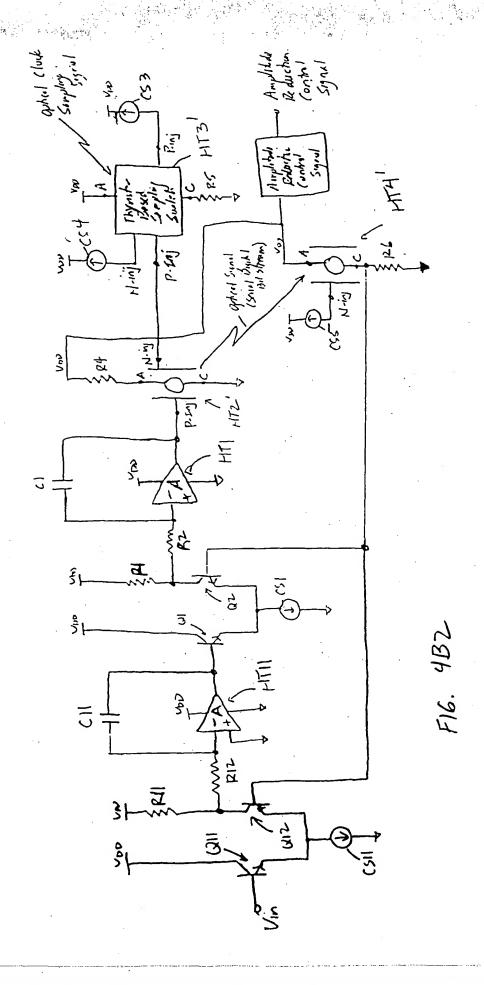
F16. 303

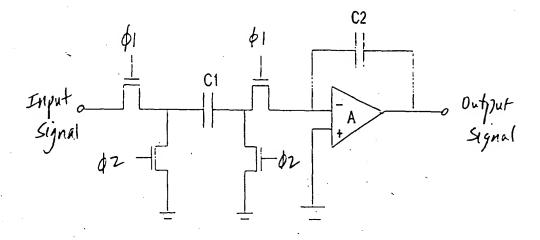




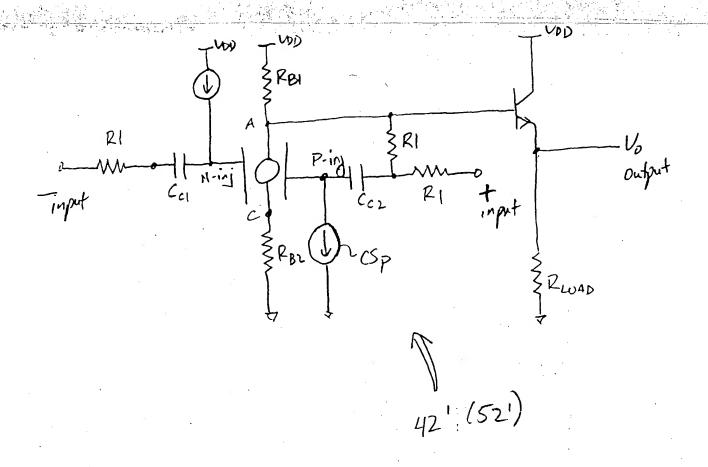




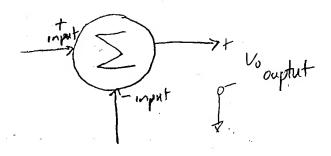




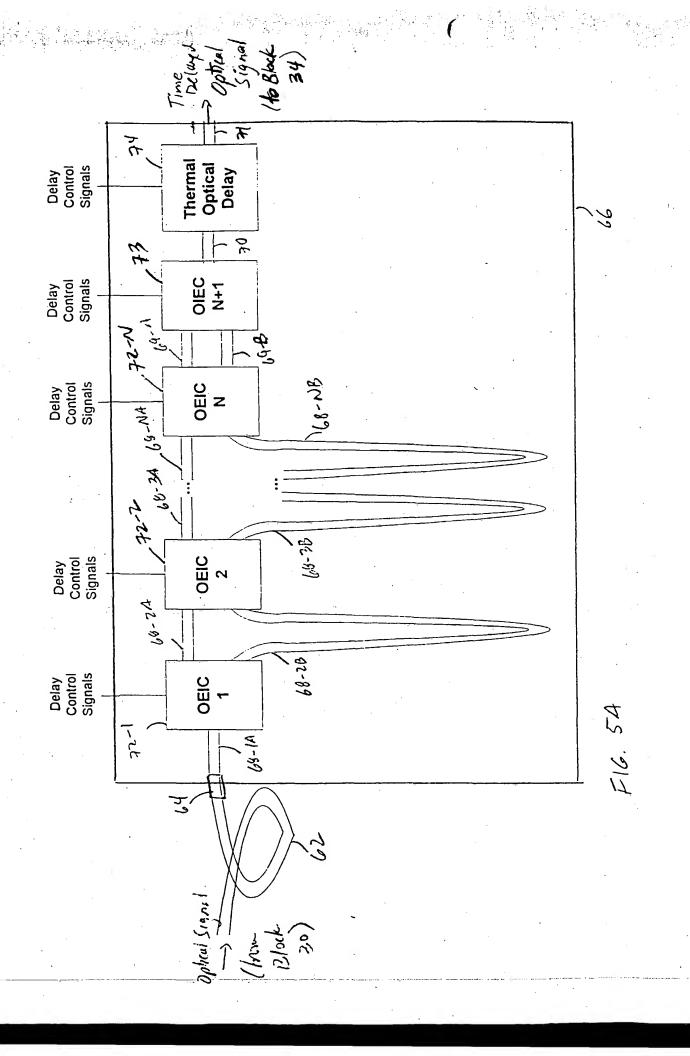
F16. 4B3

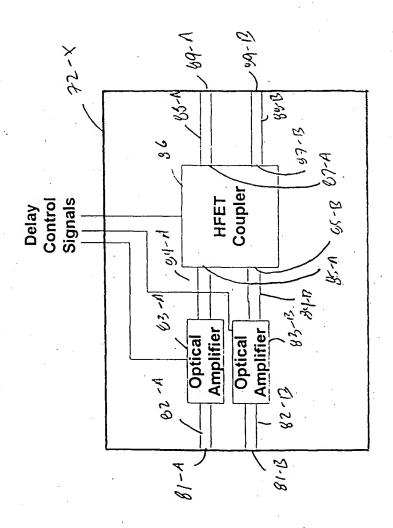


F16. 484

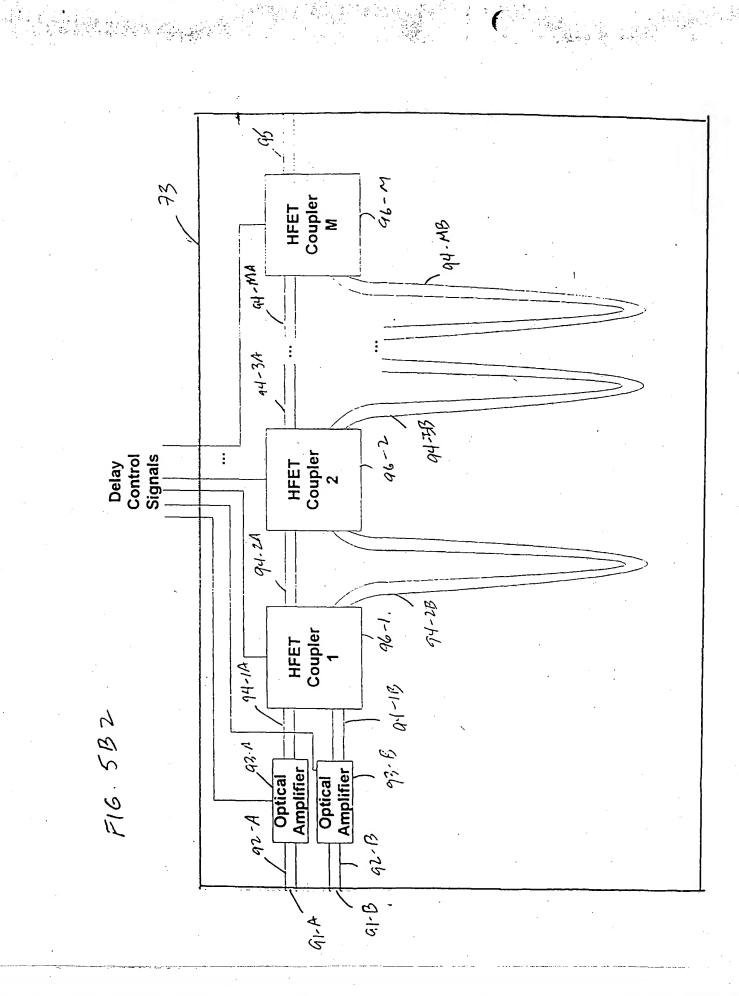


F16, 4B5





F16. 5B1



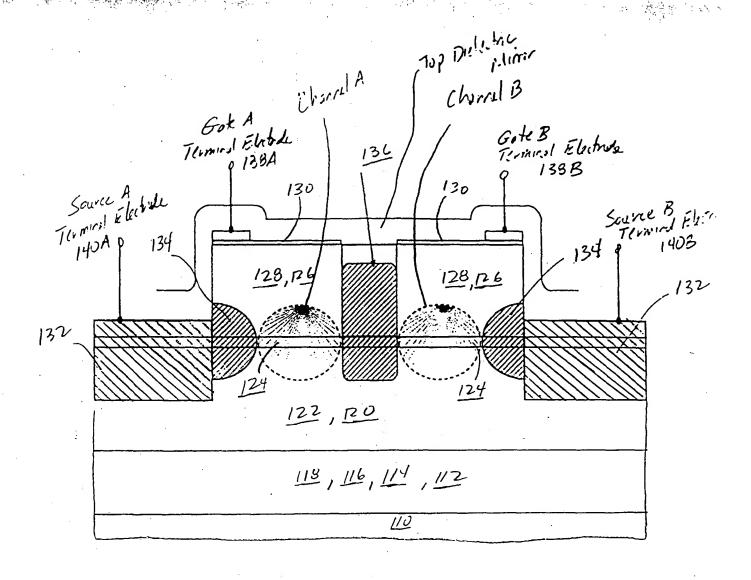
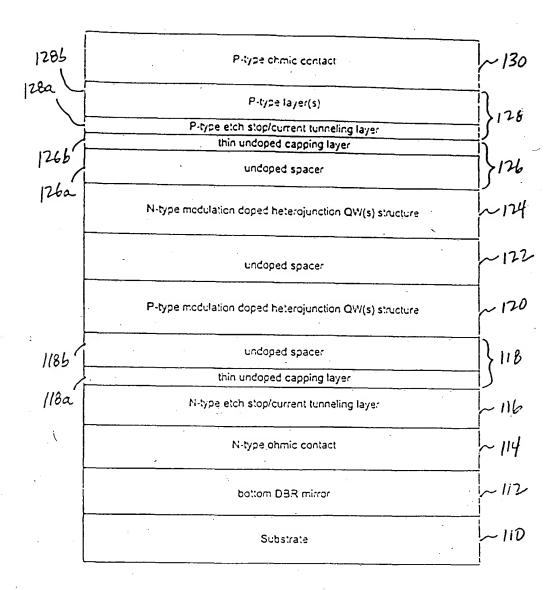
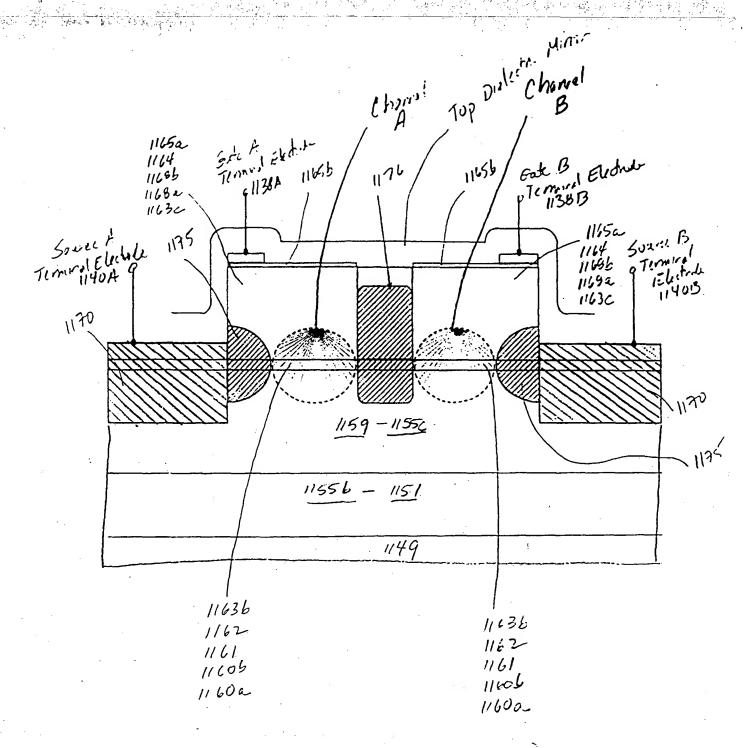


FIG 501



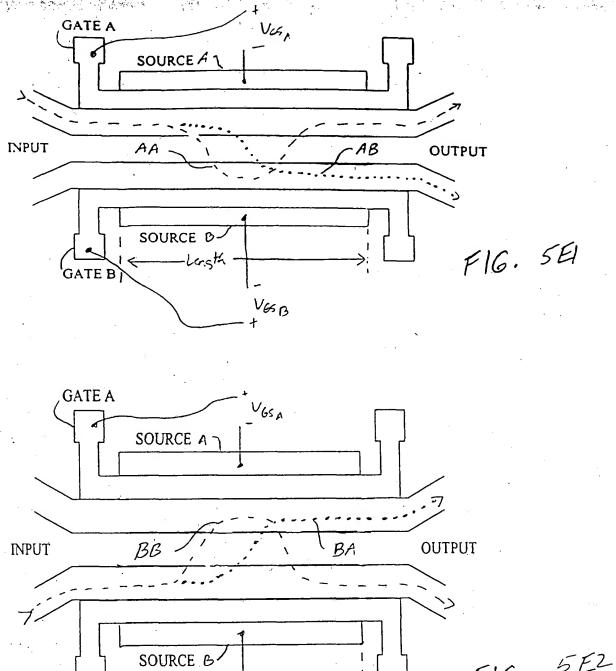
F16. 5CZ



F16. 5D1

	 	Tueigal	T	
	Layer Doping	Typical Doping Concentration	Typical Layer	-
Layer Material	Type	(aloms/cm ⁻³)	Thickness (A)	Layer#
				75. 11
InGaAs	0.	1E20	25	1165b
Gals	٥٠	1E20	75	1165a
Gass	c	1-5E17	300	1164
AIAS	٥٠	3.5E18	>20 . <300	11685
GaAs Al 15Ga 85As	und	und	>6. <20	1168a
Al. 15Ga.85As	und	und	200 - 300	1163c
Al.15Ga.85As	n-	3.5E18	80	11635
Al.15Ga.85As	und	und	20-30	(163a
GaAs	und	und	15	1162
In.15Ga.85AsN	und	und	60	1161
GaAs }x3	und	und	100	1160b
GaAs	und	und	100 - 250	1160a
Al.15Ga.85As	und	und	5000	1159
GaAs	und	und	250 - 500	1167
GaAs	und	und	100	1158
In.15Ga.85AsN } × 3	und	und	60	1157
GaAs	und	und	15	1156
Al.15Ga.85As	und	und	30	155d
Al.15Ga.85As	Pr	3.5E18	80	1155c
Al.15Ga.85As	und .	und	200-300	155b
GaAs	นกฮ	und	>6 ,<20	1166b
AIAS	N+	3.5E18	>30 , <200	1166a
GaAs	N+ ·	3.5E18	1000 - 2000	1153
AlAs	und	und	1701	1151
GaAs X7	und	und	696	1152
AlAs /	und	und	1701	1151
GaAs Substrate	<u> </u>	SI .		1149

F16 502

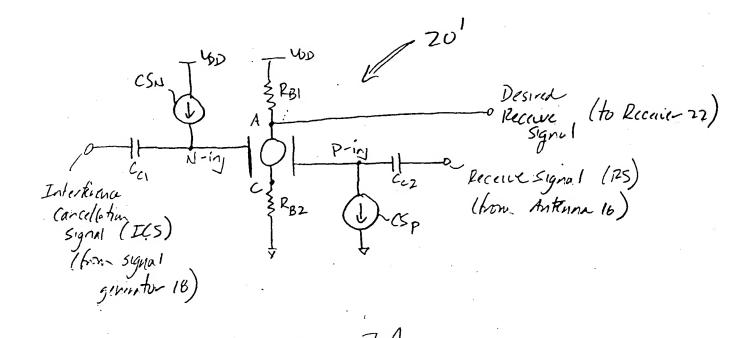


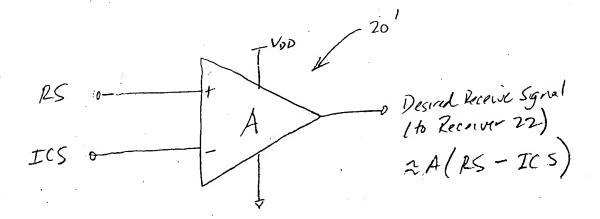
GATE B

Leigh

V65B

FIG. 5E2





F16. 7B